

CONTRACT FOR CONSTRUCTION BY CITY FORCES

Agreed Unit Prices

Wisconsin Department of Transportation
DT1523 98 (Replaces EC722)

Contract Amount \$53,234.33	Project Marquette Interchange WAC Contract
Road Name W. Clybourn St. from N. 9th to N. 18th Sts. and N. 16th St. south of W. Clybourn St.	City/County Name City of Milwaukee, Milwaukee County
Type of Work Modify traffic signals, traffic signs and counting station.	Highway IH 94/USH 41, IH 43/USH 41, IH 794
Start Work Date April 5, 2004	End Work Date December 31, 2005

This contract is made and entered into by and between the Wisconsin Department of Transportation, Division of Transportation Infrastructure Development, designated the "Department", represented by its Administrator, and the above-identified City, designated the "City", represented by the individual(s) indicated below, for constructing the above-specified project.

The Department finds and determines that it is more feasible and advantageous for highway purposes to construct the identified project with the City's organization, forces, and equipment. The Department and City mutually agree to the provisions on the attached pages, which are made a part of this contract.

Recommended for Approval

(District Director) (Date)

Recommended for Approval by City

(Name) (Date)

(Title)

Approved for the State of Wisconsin

(Contract Specialist) (Date)

(Name) (Date)

(Title)

(Director of Construction) (Date)

(Name) (Date)

(Governor of Wisconsin) (Date)

(Title)

The City agrees to construct the described project in accordance with the requirements of the Department, the approved plans when required for such project, in accordance with the Standard Specifications for Road and Bridge Construction and approved supplements as may be applicable, and in accordance with the special provisions made a part of this contract. The word, "Contractor" as used in the specifications and special provisions shall, when applicable, be deemed to mean the City.

The provisions of Subsection 108.8 of the Standard Specifications, Liquidated Damages, are deleted from this contract.

The schedule of items of work attached and made a part represents the classes of work, as more fully defined in the Standard Specifications or Special Provisions, which are to be performed under this contract and which will be subject to reimbursement. Work not included in such schedule will not be subject to reimbursement unless such work has been formally authorized and approved by an appropriate contract change order.

The quantities of such items as shown in the said schedule are considered to be approximate only, and the actual quantities upon which reimbursement is to be based will be determined by measurement during or upon completion of the work, except when agreements have been made providing for compensation on the basis of plan quantity per Subsection 109.1.1 of the Standard Specifications.

The unit prices stipulated for the items of work in the schedule are agreed to be the prices to be used in extending the quantities of the applicable items of work performed, to ascertain the total value of the work upon which reimbursement is to be made.

The Department will, from time to time as the work progresses, make estimates of the work performed, and upon completion of the work, make a determination of the quantities of the items of work completed and determine the money value by extending the quantities thus ascertained by the unit prices for the items as set forth in the schedule of items and unit prices.

The Department will pay the City, and the City agrees to accept such amount or amounts as full payment of the obligation of the Department to the City for the Project.

The City further agrees to reimburse the Department for any cost or expense it may have incurred on account of the Project for engineering services, including, but not limited to, because of specific enumeration, surveys, plans, supervision, inspection, or tests, and any other necessary project costs. The Department is authorized to make such deductions as may be necessary to defray the expense of the Department for these purposes from the payment by the Department to the City.

The obligation of the City under this contract shall not be considered discharged unless and until the work to be performed under the contract has been completed and such other commitments, if any, made in connection with the Project, relating specifically to other stages of construction of the Project, shall have been fulfilled and a final acceptance of the Project has been made.

In connection with the performance of work under this contract, the contractor agrees not to discriminate against any employee or applicant for employment because of age, race, religion, color, handicap, sex, physical condition, developmental disability as defined in s.51.01(5) Wis. Stats., sexual orientation, or national origin. This provision shall include, but not be limited to, the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor further agrees to take affirmative action to ensure equal employment opportunities. The contractor agrees to post in conspicuous places, available for employees and applicants for employment, notices to be provided by the contracting officer setting forth the provisions of the nondiscrimination clause.

INFRASTRUCTURE SERVICES DIVISION - TRANSPORTATION
DEPARTMENT OF PUBLIC WORKS - CITY OF MILWAUKEE
STATE PROJECT I.D. #1060-25-71
CONTRACT CLAC

SUMMARY COST ESTIMATE - TRAFFIC SIGNALS AND SIGNS

TRAFFIC SIGNAL - W. CLYBOURN ST. & N. 16TH ST.	\$26,915.27
TRAFFIC SIGNAL - S. 16TH ST. & VIADUCT RAMP	\$1,518.80
TRAFFIC SIGNAL - W. CLYBOURN ST. & N. 13TH ST.	\$15,267.77
TRAFFIC SIGNS - W. CLYBOURN ST. FROM N. 9TH ST. TO N. 18TH ST.	\$9,532.49

TOTAL FOR I.D.#1060-25-71 = \$53,234.33

APPROVED BY:

ROBERT W. BRYSON
STREET LIGHTING DESIGN MANAGER

TRANSPORTATION SECTION
TRAFFIC & LIGHTING DESIGN UNIT
KELLY A. WEBER
JANUARY 7, 2004

INFRASTRUCTURE SERVICES DIVISION
DEPARTMENT OF PUBLIC WORKS
STATE PROJECT I.D.#1060-25-71
2004 SURFACE TRANSPORTATION PROGRAM
W. CLYBOURN ST. - N. 9th ST. to N. 18th ST.

TRAFFIC SIGNS

COST ESTIMATE

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>QUAN.</u>	<u>UNIT COST</u>	<u>TOTAL ITEM COST</u>
73000	30 x 30 STOP	5	\$59.25	\$296.25
73020	30 x 30 DO NOT ENTER	2	\$61.58	\$123.16
73021	24 x 36 WRONG WAY	1	\$51.78	\$51.78
73022	18 x 24 ONE WAY (LA)	4	\$36.39	\$145.56
73023	24 x 30 ONE WAY (LA)	1	\$41.05	\$41.05
73024	18 x 24 ONE WAY (RA)	4	\$36.39	\$145.56
73025	24 x 30 ONE WAY (RA)	1	\$41.05	\$41.05
73034	12 x 18 PARKING - SINGLE MESSAGE	40	\$17.45	\$698.00
73036	18 x 24 PARKING - DOUBLE MESSAGE	9	\$56.54	\$508.86
73051	24 x 30 RIGHT TURN YIELD TO PEDESTRIANS	1	\$58.78	\$58.78
73081	12 x 16 HAZARD MARKER (LEFT MOUNT)	16	\$35.45	\$567.20
73082	12 x 16 HAZARD MARKER (RIGHT MOUNT)	1	\$35.45	\$35.45
73090	24 x 30 HOSPITAL	3	\$58.78	\$176.34
73097	24 x 30 KEEP RIGHT	9	\$63.26	\$569.34
73144	24 x 24 AHEAD SIGNAL	2	\$39.65	\$79.30
73145	24 x 24 LEFT TURN SIGNAL	4	\$39.65	\$158.60
73147	24 x 24 NO TURN ON RED	2	\$43.76	\$87.52
73157	30 x 36 ONLY (LA)	3	\$75.67	\$227.01
73163	30 x 30 RIGHT LANE MUST TURN RIGHT	7	\$55.98	\$391.86
73166	36 x 36 MULTIPLE TURN	1	\$84.90	\$84.90
73181	24 x 24 NO LEFT TURN	5	\$39.65	\$198.25
73194	24 x 30 SPEED LIMIT MPH	3	\$64.75	\$194.25
73200	9 x 18 EXCEPT BUSES (PLAQUE)	2	\$22.86	\$45.72
73294	3' RSP SOCKET	33	\$25.19	\$831.27
73295	SOC. (CONC. INST.)	7	\$7.93	\$55.51
73296	2" x 9'-6" PIPE	36	\$42.45	\$1,528.20
73298	2" x 11'-0" PIPE	4	\$44.09	\$176.36
73310	MOUNTING HARDWARE CP/SS/AP	72	\$3.56	\$256.32
73311	MOUNTING HARDWARE P.S.	2	\$1.12	\$2.24
73312	S.N.S. MOUNTING HARDWARE CP	16	\$16.33	\$261.28
73313	S.N.S. MOUNTING HARDWARE P.S.	1	\$10.73	\$10.73
73318	30" GREEN S.N.S.	9	\$114.39	\$1,029.51
73319	36" GREEN S.N.S.	8	\$56.91	\$455.28
TOTAL:				\$9,532.49

COST ESTIMATE

2004 SURFACE TRANSPORTATION PROGRAM = \$9,532.49

THERE ARE NO EXCLUDED COSTS IN THIS PROJECT.

APPROVED BY:

ROBERT W. BRYSON
STREET LIGHTING DESIGN MANAGER

TRANSPORTATION SECTION
TRAFFIC & LIGHTING DESIGN UNIT
JOSEPH A. HALVORSON
JANUARY 6, 2004

INFRASTRUCTURE SERVICES DIVISION - TRANSPORTATION
DEPARTMENT OF PUBLIC WORKS - CITY OF MILWAUKEE
STATE PROJECT I.D.#1060-25-71
W. CLYBOURN ST. AND N. 16TH ST.

COST ESTIMATE - TRAFFIC SIGNALS

DRAWING #: F-98-543-T

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>QUANTITY</u>	<u>UNIT COST</u>	<u>TOTAL UNIT COST</u>
71062	312 SIG. HOUS.	EACH	7	\$396.19	\$2,773.33
71066	DW-W 12" SIG. HOUS.	EACH	6	\$380.29	\$2,281.74
71078	DW-W 8" SIG. HOUS.	EACH	2	\$317.21	\$634.42
71081	312M SIG. HOUS.	EACH	8	\$1,496.06	\$11,968.48
71156	LEAD IN CABLE (PROBE)	PER LF	1670	\$0.51	\$851.70
71158	4 PR. #16 DSTP	PER LF	150	\$1.24	\$186.00
71170	9#14 LTP	PER LF	300	\$1.35	\$405.00
71172	17#14 LTP	PER LF	445	\$2.05	\$912.25
71173	20#14 LTP	PER LF	580	\$2.12	\$1,229.60
71192	MAST ARM 20'-25'	EACH	1	\$2,160.70	\$2,160.70
71197	SS 13'	EACH	4	\$594.04	\$2,376.16
71198	1' EXT.	EACH	4	\$64.01	\$256.04
71724	170 SOLID STATE CONTROLLER RELOCATED	EACH	1	\$536.79	\$536.79
72190	MAST ARM POLE RELOCATED	EACH	1	\$343.06	\$343.06
				TOTAL	\$26,915.27

ESTIMATED COST OF 2004 PAVING PROGRAM

APPROVED BY:

ROBERT W. BRYSON
STREET LIGHTING DESIGN MANAGER

TRANSPORTATION SECTION
TRAFFIC & LIGHTING DESIGN UNIT
JOSEPH A. BONDOWSKI
January 7, 2004

INFRASTRUCTURE SERVICES DIVISION - TRANSPORTATION
DEPARTMENT OF PUBLIC WORKS - CITY OF MILWAUKEE
STATE PROJECT I.D.#1060-25-71
S. 16TH ST. AND VIADUCT RAMP

COST ESTIMATE - TRAFFIC SIGNALS

DRAWING #: F-98-522-T

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>QUANTITY</u>	<u>UNIT COST</u>	<u>TOTAL UNIT COST</u>
71155	MAGNETOMETER (PROBE)	EACH	5	\$213.72	\$1,068.60
71156	LEAD IN CABLE (PROBE)	PER LF	855	\$0.51	\$436.05
71163	3#4/1#8 LTP	PER LF	5	\$2.83	\$14.15

ESTIMATED COST OF 2004 PAVING PROGRAM	TOTAL	\$1,518.80
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APPROVED BY:

ROBERT W. BRYSON
STREET LIGHTING DESIGN MANAGER

TRANSPORTATION SECTION
TRAFFIC & LIGHTING DESIGN UNIT
JOSEPH A. BONDOWSKI
January 7, 2004

INFRASTRUCTURE SERVICES DIVISION - TRANSPORTATION
DEPARTMENT OF PUBLIC WORKS - CITY OF MILWAUKEE
STATE PROJECT I.D.#1060-25-71
W. CLYBOURN ST. AND N. 13TH ST.

COST ESTIMATE - TRAFFIC SIGNALS

DRAWING #: F-98-542-T

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>QUANTITY</u>	<u>UNIT COST</u>	<u>TOTAL UNIT COST</u>
71062	312 SIG. HOUS.	EACH	9	\$396.19	\$3,565.71
71066	DW-W 12" SIG. HOUS.	EACH	4	\$380.29	\$1,521.16
71078	DW-W 8" SIG. HOUS.	EACH	2	\$317.21	\$634.42
71156	LEAD IN CABLE (PROBE)	PER LF	490	\$0.51	\$249.90
71163	3#4/1#8 LTP	PER LF	90	\$2.83	\$254.70
71170	9#14 LTP	PER LF	90	\$1.35	\$121.50
71172	17#14 LTP	PER LF	720	\$2.05	\$1,476.00
71173	20#14 LTP	PER LF	430	\$2.12	\$911.60
71191	MAST ARM 14'-19'	EACH	1	\$1,768.64	\$1,768.64
71197	SS 13'	EACH	6	\$594.04	\$3,564.24
71198	1' EXT.	EACH	5	\$64.01	\$320.05
71724	170 SOLID STATE CONTROLLER RELOCATED	EACH	1	\$536.79	\$536.79
72190	MAST ARM POLE RELOCATED	EACH	1	\$343.06	\$343.06
				TOTAL	\$15,267.77

ESTIMATED COST OF 2004 PAVING PROGRAM

APPROVED BY:

ROBERT W. BRYSON
STREET LIGHTING DESIGN MANAGER

TRANSPORTATION SECTION
TRAFFIC & LIGHTING DESIGN UNIT
JOSEPH A. BONDOWSKI
January 7, 2004